IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Marshall, Christopher

SERIAL NO: 10/087,459 ART UNIT:

FILED: March 1, 2002 EXAMINER:

FOR: ENCLOSURE MEMBER, AND MULTI-LINK CONVEYOR CHAIN

Declaration

Stephen E. Winegardner, declares and says:

1. I was employed by Rexnord Corporation and its predecessors Link-Belt, FMC and PT Components continually from 1967 to 2002 and make this declaration based upon my personal knowledge.

2. I am familiar with the products manufactured and sold by Rexnord and its predecessor businesses during that time. I have access to the business documents of Rexnord and its predecessor businesses, and, in particular, the Link Belt Chain Division of PT Corporation, Indianapolis, Indiana.

3. Attached to this declaration as Exhibits 1 and 2 are sheets of design drawings, designated EX27820 and EX27821, and dated April 7, 1986. These documents have been maintained in the ordinary course of business as a business record by Rexnord and its

predecessor businesses, including the Link Belt Chain Division of PT Corporation. Exhibits 1 and 2 are true copies of the original documents, which remain in the files of Rexnord Corporation.

4. Exhibit 1 shows an end link for a conveyor chain with countersunk pitch holes. When this link is combined by means of spotwelding in an assembly, Exhibit 2, it provides countersunk pitch holes. The purpose of the countersunk pitch holes is to recess the heads of the link pins below the surface of the surrounding areas of the enclosure to protect them from wear.

5. Specifically, the chain link shown in Exhibit 1 is a end link of a conveyor chain of the type that provides a flat surface and is drivable between processing stations by, for example, a drive sprocket. Link pins connect the end links and other links of the conveyor together to form the chain. The link pins used with the end links shown in Exhibit 1 each have a non-circular section.

6. The end link shown in Exhibit 1 has non-circular apertures with a shape that generally matches the non-circular section of the link pins. The non-circular apertures are highlighted in yellow on Exhibit 1. The non-circular apertures are countersunk within circular recesses. The end link is positioned at one edge of the flat surface of the conveyor. The depth of the two non-circular apertures is sufficiently great to enclose the head of the pin and recess

it below the level of the surrounding areas of the link pin and thus form an enclosure member for the head of the pin.

7. Link chains incorporating end links made in accordance with the design shown in Exhibit 1 were offered for sale, sold, known and used in the United States by the Link Belt Chain Division and known and used by the customers to whom the link chains were sold at least as early as 1986. Modifications to this design were made in August and September, 1986, as also noted on Exhibit 1.

8. An actual length of a link chain made in accordance with the design shown in Exhibit 1 is shown in photographs attached as Exhibits 3-5. The length of assembled chain shown in Exhibits 3-5 is a multi-link conveyor chain that provides a flat surface and is drivable between processing stations by, for example, a drive sprocket. Link pins connect the links together to form the chain. The chain includes end links according to the design in Exhibit 1. The link pins shown in Exhibits 3-5 each have a non-circular section.

9. The end links shown in Exhibits 3-5 each have non-circular apertures with a shape that generally matches the non-circular section of the link pins. The non-circular apertures are countersunk within circular recesses. The end links are positioned at one edge of the flat surface of the conveyor. The degree of recess of the two non-circular apertures is

sufficiently great to enclose the head of the pin and recess it below the level of the surrounding areas of the end link. The heads of the link pins are therefore protected from wear.

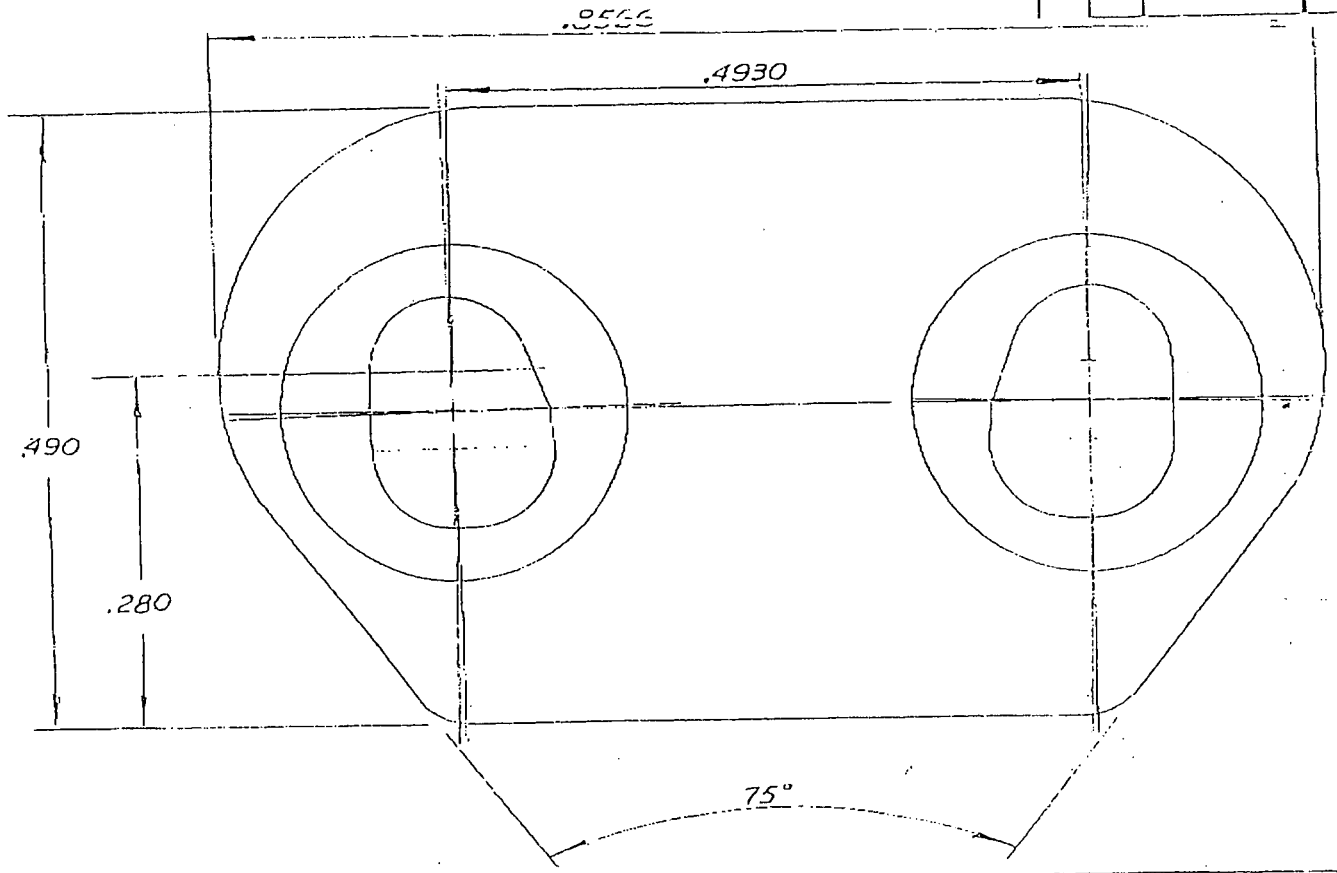
10. The length of link conveyor chain shown in Exhibits 3-5 is part of a chain made and sold in the United States by the Link Belt Chain Division of PT Corporation, Indianapolis, Indiana.

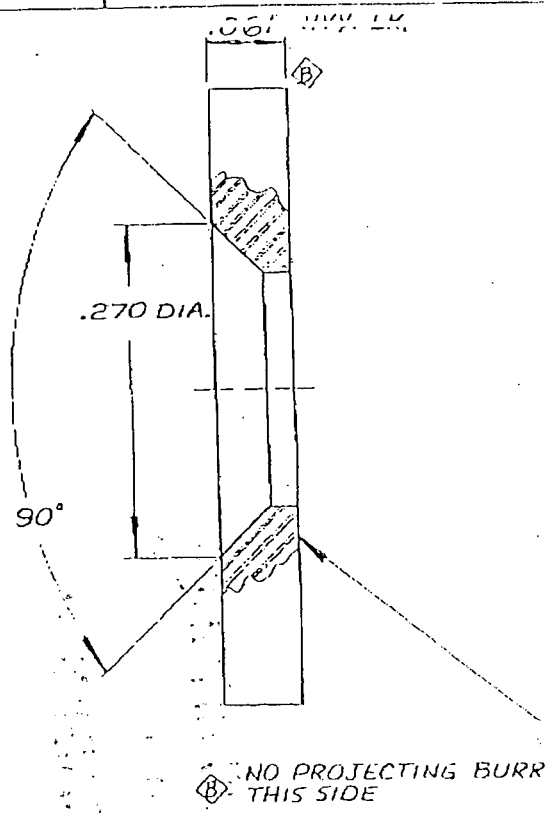
11. The undersigned declares further that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Stephen E. Winegardner,
as agent for Rexnord Corporation
AS AGENT FOR REXNORD CORPORATION

Date: MARCH 24, 2003

GROUP	QUAN. REQ'D	PART NUMBER: DRAWING NO	PIECE OF GROUP	NAME OF PART	MATERIAL





MATERIAL (B)

57TCXGS HEAVY GUIDE LINK & TEMPER TO Rc 28-32

COUNTERSINK PITCH HOLES ON FIXTURE

T101GG

(B) CLEAN SURFACE BEFORE WELDING

APPLICABLE STANDARDS

DIMENSION TOLERANCES EXCEPT AS SPECIFIED:

2 PL. DEC.	3 PL. DEC.	ANGULAR	CASTING
=	=	=	

TITLE: 57TCXGS GUIDE LINK W/ COUNTERSUNK PITCH HOLES

0 E

REV	DATE	DESCRIPTION OF REVISION
B	9-5-86	ADD. NOTE REMOVED LIGHT LINE
A	8-19-86	RELOCATED PITCH

DRAWN	CHECKED	APPROVED	DATE
L.S.			4-7-86

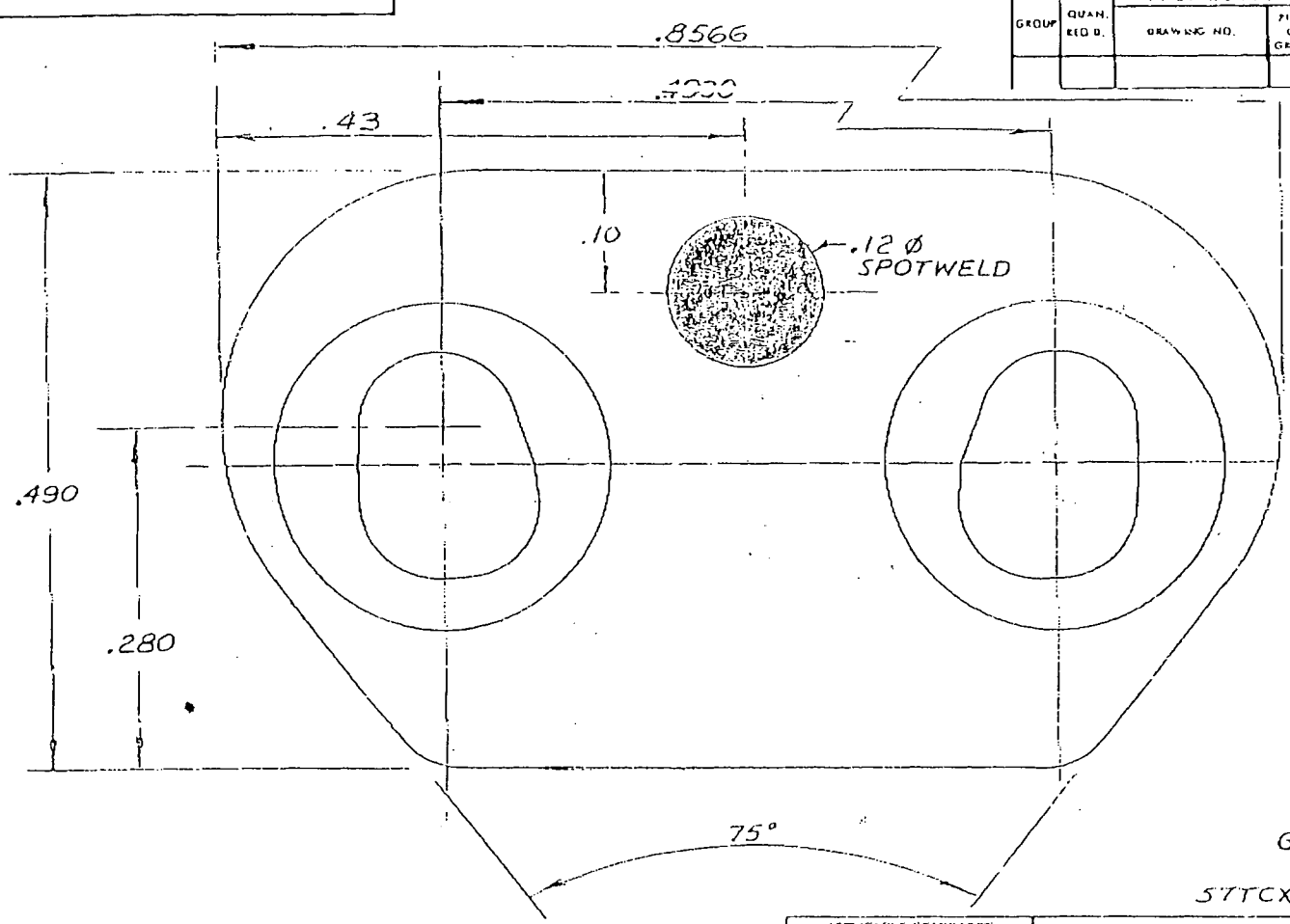
SCALE 10X

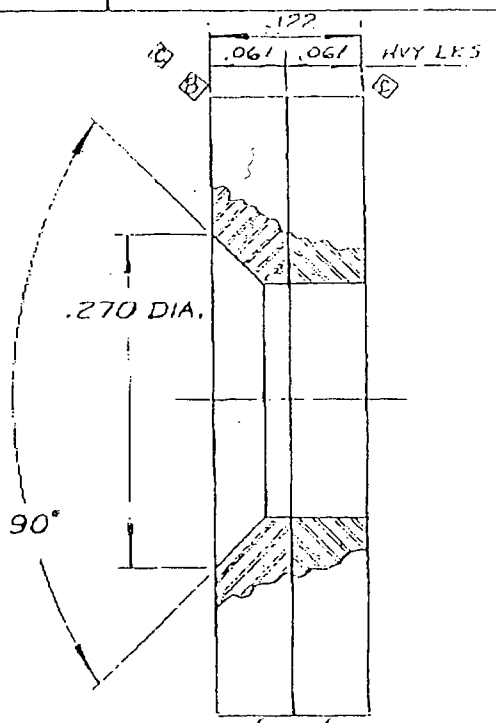
PTC PT Components Inc. Link Belt Chain Division Indianapolis

REFERENCE: EX 27820

CLASS 350

GROUP	QUAN. REQ'D.	PART NUMBER: DRAWING NO.	PART NUMBER: PIECE OF GROUP	NAME OF PART	MATERIAL





GUIDE LINK EX-21820

STTCXGS GUIDE LINK

STRESS RELIEVE AT 400°F 1 HR. MINIMUM BY PTC AFTER WELDING

WELD IS NOT TO SHEAR UNDER A 300 LB. LOAD.

MAX. MIS-MATCH AT TOP & ENDS .004

APPLICABLE STANDARDS

DIMENSION TOLERANCES EXCEPT AS SPECIFIED

1 PL. DEC	2 PL. DEC.	ANGULAR	CASTING
±	±	±	

TITLE: DOUBLE STTCXGS GUIDE LINK ASSEMBLY

SIZE: 0 | FSCM NO.:

REV	DATE	DESCRIPTION OF REVISION
C	10/24/86	REMOVED .053" LIGH... REMOVED .11" DIA DIMS.
B	9-5-86	REMOVED LIGHT ... ADD. STRESS RELIEV
A	8-13-86	RELOCATED Pitch ...

DRAWN: L.S. | CHECKED | STANDARD | APPR. | REFERENCE

DATE: 4-8-86

SCALE: 10X

PTC PT Components Inc Link Belt Chain Division Indianapolis

EX 27821

FINISH 250